**EXISTING SYSTEM:**

* This system is validated by comparing its predicted results with the patient’s prior medical record and also this is analyzed using weka system.
* This prediction system is available in online, people can easily check their risk and take appropriate action based on their risk status. The performance of the system is better than the existing system.

**DISADVANTAGES**:

* Most of the tools used for data mining are complex and require trained and specialized professionals to handle them.
* Although it is a reliable set of techniques, data mining is not infallible and does not always provide completely accurate information.
* This will creates lot of mistakes like misspellings, calculation problems, duplicate entries etc.

**PROPOSED SYSTEM:**

This system is designed to be compatible for patient’s use. The data mining technique used in the said project for classification is Decision tree algorithm.The application utilizes different learning methods to create an impactful, error free and reliable platform for prediction. The different methods exploited are:

• Classification learning- This learning method is used to classify unseen, unpresented and unrecorded cases from a set of defined and recorded examples. Thus, various examples are employed which are pre classified to learn to classify into reliable sets.

• Association learning- In association learning method, an association or relation is established between pre given values and new values that are provided. Hence, relation establishment is sought out in the data sets

. • Cluster learning- As the name suggest, in cluster learning, entries that share maximum features with each other are clustered together into one class. • Numeric prediction- In this, outcome comes as a numeric value instead of a discrete class.

**ADVANTAGES**:

* Automatic pattern discovery is a strategic advantage, and this technique helps in modeling and predicting future behavior.
* Trend Analysis: Understanding trends keeps you up-to-date with current developments in the industry, and helps reduce costs and timeliness to market.

Fraud Detection: Data Mining techniques help in fraud detection by discovering anomalies in datasets.